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# NURTURING A CULTURE OF INNOVATION

Our School has carried out STEAM education to nurture our spirit of innovation. Let's share the course of our learning over the last year.

## STEAM in IL



During Integrated Lessons, we were engaged in problem-solving projects under different themes. Such learning experiences encouraged deep thinking and enhanced self-learning.

**Primary 1** - Our theme is "Weather & Everyday Life". We find ways to solve our everyday life problems. What are the ways to keep ourselves warm in winter? How can we make ourselves feel better if the weather is too hot?



"I can solve the problem using a piece of paper. Cool!"



"Our group gives the best solution!"



"What about using some lotion when the weather gets too dry?"



"Look! We made a toy fan!"

**Primary 2** – Our theme is “Innovative Toys”. If we do not want to spend too much money on toys, what can we do? Got it! Make our own!



*“We think, plan, design and make our dream toys!”*



*“Yeah! I made it!”*



*“See our lovely products!”*

**Primary 3** - "Living in Hong Kong" is our theme. Transportation is one of the problems we find in Hong Kong. High transport expenses have triggered our idea of inventing a "solar cart". We believe by using energy from the sun, we can make transportation more economical. Does this work? Let's find out.



"We made it! Our solar-cart!"



Are there enough rubbish bins?  
Do you think we can make a  
"mobile rubbish bin"?



"Here are our products. A mobile rubbish bin and a remote rubbish collector."

**Primary 4** – “Prevention of Diseases” is our theme. Keeping our living environment clean can help to prevent diseases. How often should we sweep the floor in a day? Well, do you think robots can help? What a good idea!



“How can we make Marty sweep the floor? Having fun with Robot Marty.”



“Any other good ways to prevent diseases? Watch our presentation...”



Presenting our STEAM diary.



Viewing our living environment using the VR glasses.

**Primary 5** – Our theme is “Healthy Life”.  
What do we need to have a happy life? Fresh air? Clean environment? Healthy body? Here are some of our creative ideas.



We made a windmill generator, hoping to use wind as a source of energy to power a light bulb!



We are making a special sweeper for fine dust.



One must feel tired after a day's hard work. Here we are inventing our “OSIM” (massage chair) Hope it works!



What about making a happy mask to cheer up your friends?

**Primary 6** – Our theme is “Environment & Living”. We are facing many environmental problems every day. To improve our living, we have got some creative ideas!



A “Robot Cop” that helps to collect rubbish!



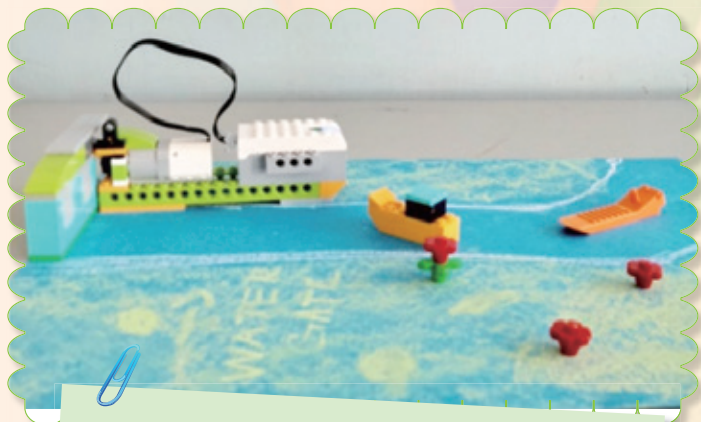
An environmental friendly bus.



Making a high-speed train to solve traffic congestion.



Our “Weather Station” can help to stop global warming!



Some of us made a water gate using Lego to alleviate flooding after typhoons.

# STEAM in ECA

STEAM activities were organized for Primary 1 to 3 students on a rotating basis during ECA sessions.

## 1) First Step in STEAM - Trying out the Coding Safari.



## 2) Innovative Arts - Making use of the Apple Pencil.



## 3) iKids Learning - Having fun with the Apps "Balancing Art" and the timetabling software on the PHET website.



# STEAM in ECA

STEAM activities were organized for Primary 4 to 6 students regularly during ECA sessions.

## 1) The STEAM Learning Group



Using the VR



Programmable Robot (Mr Marty) played a football match.



## 2) The E-Learning Group



Learning English using apps.



## 3) STEAM Architects



We are satisfied with the products we make.



Using Microbit and 3D Printing to make our own design.

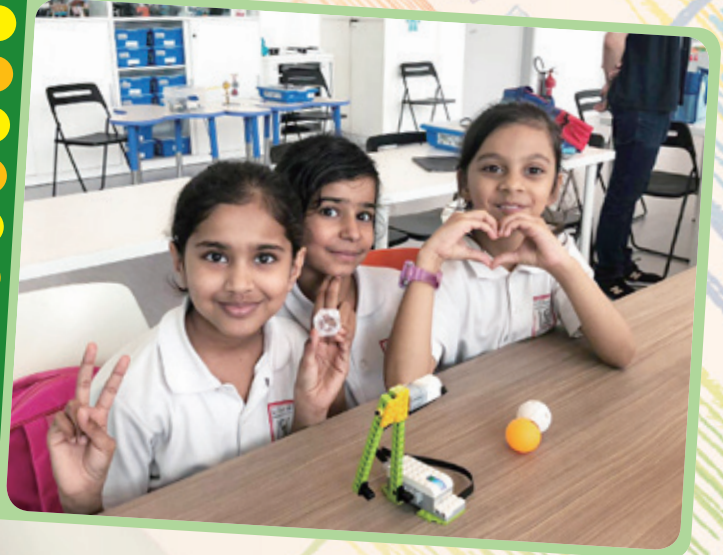


# STEAM VISITS

Educational visits with different STEAM topics were arranged so that students can get to know more about digital devices and computer science.

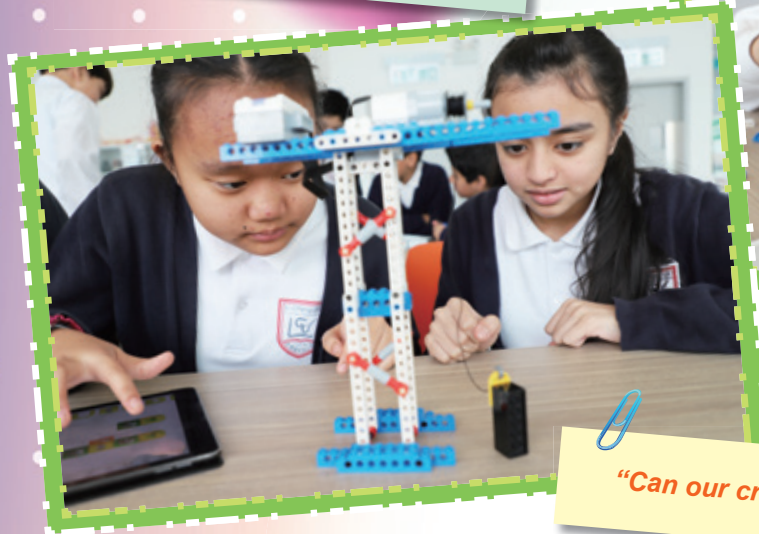


Primary 2 and 3 students went to Hong Kong Science Park and joined a Science Explorer Workshop, the "Goal Kicker".



Testing our goal kicker. GO!

Primary 6 students participated in a Science Explorer Workshop, the "Crane".



Experimentation is fun!

"Can our crane lift that up?"



Understanding the basic principles of the lever.

# STEAM COMPETITIONS

Besides STEAM activities and visits, students also took part in a number of competitions outside school.

## HKUST Underwater Robot Competition

In March 2019, some of our P.4, 5 and 6 students participated in the competition at the Hong Kong University of Science and Technology and were awarded merit.



*Using a screwdriver skillfully!*



*"Let's check every component!"*



*"Our mission is to save the polar bear using our robot!"*

Our team members:  
4A: Nayan, Natalia  
5A: Noor, Namira  
6A: Kudim

# Robofest Roboparade Competition

Some P.5 & P.6 students had a great time at the Robofest Roboparade held at Olympian City.



| PARTICIPANTS |                                 | AWARD             |
|--------------|---------------------------------|-------------------|
| 5B           | AVAD VIDYUT(4)                  | First Prize       |
| 5B           | KHANAL DIPSAN(17)               |                   |
| 5D           | LIMBU BISHNU(9)                 |                   |
| 5A           | IBENACHO STACY NGOZI KA WAI(12) | Second Prize      |
| 5A           | MUZAKIR(19)                     |                   |
| 5A           | THAPA DIWASH(29)                | Recognition Award |
| 6A           | GURUNG NISAN(10)                |                   |
| 6B           | HAACK TIMOTHY LOTHAR(5)         |                   |
| 6B           | LIMBU AYUSH ANCHONGWO(13)       |                   |



*Changing some configuration to get ready for the competition. Designing an ideal green city.*



*"Yeah! We came 1st!"*

# Lego Boost Competition



| PARTICIPANTS |                               | AWARD   |
|--------------|-------------------------------|---|
| 3A           | GURUNG ARWIN (8)              | 1 <sup>st</sup> Round: 1 <sup>st</sup> Runner-up<br>Finals: 2 <sup>nd</sup> Runner-up |
| 3A           | RIVERA JOSHUA MANGILIMAN(24)  |   |
| 3A           | RIVERA MATTHEW MANGILIMAN(25) |   |

"We control the robot so that it can find the next target!"



"Look! Our Lego Robot is our good friend. It helped us to win the 3rd place in the competition!"

# PROMOTION OF HARMONY IN DIVERSITY

To enhance co-operation, complementary and integration into the local community, a number of strategies were adopted:

- 1) We organized study tours to Mainland China.
- 2) We participated in community services and arranged activities for target groups of students.
- 3) We arranged whole-school activities to cultivate a harmonious school environment.
- 4) We arranged various cultural and language interest groups, and life-wide learning experiences including visits.
- 5) A Cultural Day was launched in the school.
- 6) A mentorship program and an Angel Teacher Program were implemented to provide support for students in need.

## Study Tours to Mainland China



P.5 students visited the Huanghuagang 72 Martyrs Cemetery and the Whampoa Military Academy.



# CHINA'S 40-YEAR REFORM AND OPENING - UP PROJECT LEARNING AWARD

We participated in China's 40-year Reform and Opening-up Project Learning Award Scheme organized by the Education Bureau. We were lucky to become the champion among 80 other teams. Our students were thus invited to join a 5-day study tour to some big cities in China, including Beijing and Shanghai.



Our student representatives presented their project to show their understanding of China's economic achievements. We were honored to become the champion!



During the 5-day study tour, we visited historical places to know more about China and its culture.



## Community Services

To arouse students' awareness to the needs of the local community, they were encouraged to carry out community services such as visiting the elderly and doing charity work.



*Our Social Service Team members showed their care to the elderly and taught them to make the popular Nepali snack known as "Momo".*

## Parent-child flag selling

Parents were also involved in the flag-selling activity. Donation was made to the Society of Rehabilitation and Crime Prevention Hong Kong. There were altogether 66 pairs of parent-child participants. Their hard work and generosity to devote their time in the event is highly appreciated.



*A valuable real-life experience and an intimate parent-child moment to treasure.*





## Activities For Target Groups

The Music Play Group - This developmental group program was arranged for selected students in KS1. It aimed at fostering students' social skills and compliance with rules and regulations through music and games.



## UAP Program - Overnight Camp

A 2-day overnight camp was organized for UAP members in Sai Kung Recreation Centre. Students carried out a variety of activities, such as treasure hunt, team building tasks, and a night walk followed by a BBQ. All the members enjoyed themselves a lot!



*Meal time – a time to share!*



*Parent-child outdoor activity - hiking at Shing Mun Reservoir.*

# Whole-School Activities To Nurture A Harmonious School Environment

**Music for Millions Concert** - Appreciation of classical music and learning about the string instruments.



**Lunch Activities** - The promotion of healthy eating habits.



**Bright Smiles Campus Programme** - Promoting the importance of dental health.



*Health Ambassadors demonstrated the proper way to brush our teeth.*



**Green Christmas Celebration** – A time to show our love and care to everyone.



**Sports Day** – Apart from competing in the sports games, students learned about sportsmanship and team spirit.



**Cultural Day** – Appreciation of different cultures.



*A show of cultural costumes.*

*Sharing traditional food of different cultures.*

## After School Cultural And Interest Class

In order to foster understanding and respect for different ethnic groups, various after school cultural activities were carried out throughout the whole academic year. This includes a number of language classes (Nepali, Filipino, Hindi, Urdu and Putonghua), and interest classes.



*Nepali Class*



The language classes give students a chance to express themselves and interact with one another in their mother tongue.

## Other interest classes



*Ukulele*



*Harmonica*



*Magic*



*Origami*

## Life Wide Learning Experiences

Life wide learning involves learning in real contexts and authentic settings. Such experiential experiences help to achieve whole-person development for our students.

P.1 to 3 students joined the Disneyland Learning Trip and watched how the Walt Disney Imagineers create different attractions.



*The theme park is a dream place to many!*



*Look trendy wearing the 3D glasses!*



*An eye-opening experience!*

P.4 students visited Ping Shan Heritage Trail to see the villages of old Hong Kong and to know more about the local culture.



*Storytime – history of the old buildings.*



## Inter-School Activities

We offer opportunities for students to show their talents and we won wards in different areas.

A group of talented students won a number of awards in the HK School Drama Festival, including the Award for Outstanding Cooperation, the Award for Outstanding Director and the Award for Outstanding Stage Effect.



*Outstanding Performer awards: Sharon (6A), George (5A) and Isabella (5D)*



*Both our choir and junior choir groups attained merit. Congratulations!*

# Kowloon West Area Inter-primary Schools Athletics Competition 2018-19



Muteeb(6D) 1st in Boys A Grade Softball throw



Yug (5A) 1st in Boys C Grade 60m running

## Hong Kong Primary Schools Playground League



*"We were the Champion in Division II and the first runner-up in Division I."*

## Kowloon West Area Volleyball Competition



## Kowloon West Area Basketball Competition



# STUDENTS' ACHIEVEMENTS

| Organization: Name of Competition / Event                             | Achievement (Rank)   | Student Name  |
|---|--|---|
| <b>English</b>  |  |   |
| Hong Kong Schools Music and Speech Association:                       | 2 <sup>nd</sup> Place  | Anees (5D), Apechya (6A)  |
|   | 3 <sup>rd</sup> Place  | Namira (5A), Dildaarpreet (6A), Sharon (6A)   |
| 70th Hong Kong Schools Speech Festival – English Solo Verse Speaking  | Certificate of Merit   | Subhaan (2A), Ivna (2A), Matthew (3A), Jenet (3A), Joshua (3A), Arwin (3A), Angelie (3C), Grishma (3C), Natalia (4A), Christiana (4A), Wing Chi (4A), Miyu (4B), Mingso (4C), Anmol (5A), Diwash (5A), Bisma (5A), Stacy (5A), Oishi (5C), Maira (5E), Jeremy (6A), Andrei (6A), Nishaka (6A), Liyba (6A), Bushra (6A), Abigale (6A), Sophia (6A), Priyasha (6A), Jade (6B), Timothy (6B), Krisbina (6B), Cheuk Nam (6C), Gurleen (6C), Ruth (6C) |
|   | Certificate of Proficiency   | Catherine (2A)  |
|   | Education Bureau:  | Award for Outstanding Performer   |
| Hong Kong School Drama Festival                                       | Award for Outstanding Cooperation  | Drama Club Members  |
|   | Award for Outstanding Director   |   |
|   | Award for Outstanding Stage Effect   |   |
| <b>Chinese</b>  |  |   |
| Hong Kong Schools Music and Speech Association:                       | Certificate of Merit   | Anmol (2A), Chun Yim (3A), Tsz Hei (3B), Yuk Hom (5A), Faran (5A), Condoleezza (6A), Salahin (6A)   |
| 70th Hong Kong Schools Speech Festival-Chinese Solo Verse Speaking    | Certificate of Proficiency   | Wing Yan (2A), Kathrine (2B), Arsh (2C), Jenet (3A), Haider (3D), Sze Yan (4A), Kangana (5A), Dinah (5D), Bushar (6A)   |
| 70th Hong Kong Schools Speech Festival- Putonghua                     | Certificate of Merit   | Nga Ching (3B)  |
| <b>I.T.</b>   |  |   |
| Lawrence Technological University:                                    | 1 <sup>st</sup> Prize  | Vidyut (5B), Dipsan (5B), Bishnu (5D)   |
| Hong Kong Robofest Roboparade 2019                                    | 2 <sup>nd</sup> Prize  | Stacy (5A), Muzakir (5A), Diwash (5A)   |
|   | Recognition Award  | Nisan (6A), Timothy (6B), Ayush (6B)  |
| The Education University of Hong Kong:<br>Lego Boost Competition 2019 | 1 <sup>st</sup> runner-up (First round) & 2 <sup>nd</sup> runner-up (Finals) | Arwin (3A), Joshua (3A), Matthew (3A)   |



## STEM

|  |                      |  |
|--|----------------------|--|
| The Hong Kong University of Science and Technology:<br>Underwater Robot Competition 2019 | Certificate of Merit | Natalia (4A), Nayan (4A), Namira (5A), Noor (5A), Kudim (6A) |
|--|----------------------|--|

## MUSIC

|   |                                 |   |
|---|---------------------------------|---|
| Man Kwan Educational Organisation:<br>The 18 <sup>th</sup> Hong Kong Inter-Primary School English Folk Song Group Singing Contest | Group 1 <sup>st</sup> runner-up | Adrian (4A), Sabhyata (4A), Jane (4E), Akrity (5A), Diwash (5A), Josellyn (5B), Ysabella (5D), Abigale (6A), Condoleezza (6A), #Tsz Yan (6A), Sophia (6A), Jeremy (6A), Precious (6D), Maria (6D) |
| Hong Kong Schools Music and Speech Association:<br>71 <sup>st</sup> Hong Kong Schools Music Festival – Solo Singing               | Certificate of Merit            | Adrian (4A), Sabhyata (4A), Wing Chi (4A), Sushen (4A)  |
| 71 <sup>st</sup> Hong Kong Schools Music Festival – Solo Singing  | Certificate of Proficiency      | Natalia (4A)  |
| 71 <sup>st</sup> Hong Kong Schools Music Festival – Zheng Solo Junior   | Certificate of Proficiency      | Condoleezza (6A)  |
| 71 <sup>st</sup> Hong Kong Schools Music Festival – Junior Choir  | Certificate of Merit            | Choir Members   |
| 71 <sup>st</sup> Hong Kong Schools Music Festival – Choir   | Certificate of Merit            | Choir Members   |

## PE

|   |   |  |
|---|---|--|
| Hong Kong Cricket Association:<br>Hong Kong Primary Schools Playground League 2018-19                           | Champion in Division II<br>1 <sup>st</sup> Runner up in Division I  | Usman (4B), Faran (5A), Muzaki (5A), Usman (5B), Farhan (5C), Nusa (5D), Huzaifah (5E), Farhan (6B), Sahil (6C), Muteeb (6D).<br>Usman (4B), Faran (5A), Muzaki (5A), Usman (5B), Farhan (5C), Nusa (5D), Huzaifah(5E), Farhan (6B), Sahil (6C), Muteeb (6D) |
| The Hong Kong Schools Sports Federation:<br>21st All Hong Kong Inter-Area Primary Schools Athletics Competition | 1 <sup>st</sup> Position in Boys C Grade 60m<br>2 <sup>nd</sup> Position in Boys A Grade Softball                                   | Yug (5A)<br>Muteeb (6D)  |
| The Hong Kong Schools Sports Federation:<br>Kowloon West Area Inter-Primary Schools Athletic Competition        | Gold Medal in Boys C Grade 60m running<br>Bronze Medal in Girls A Grade softball throw<br>Gold Medal in Boys A Grade softball throw | Yug (5A)<br>Laxmi (6A)<br>Muteeb (6D)  |

## Others

|   |                    |   |
|---|--------------------|---|
| Education Bureau:<br>China's 40 -Year Reform and Opening - up Project Learning Award Scheme | Champion (Primary) | Bushra (6A), Salahin (6A), Jeremy (6A), Dipen (6A), Noble (6C), Jashan Preet (6D), Anmol (5A), Namira (5A), Diwash (5A), Yussra (5B), Lydia (5B), Anees (5D), Sze Yan (4A), Natalia (4A), Wing Chi (4A), Jenet (3A) |
|---|--------------------|---|

## PARENT EDUCATION

In the second term, LCU continues to facilitate home-school co-operation between parents and teachers by organizing various Parent Educational Programmes.

To enhance parents' knowledge and skills, six parental talks were conducted by Student Guidance Personnel throughout the year to promote positive parenting and to let parents know how to discover their children's true character and strengths. In addition, a series of Chinese Learning Workshops was held to accustom parents to the Hong Kong culture. Moreover, subject-based talks on English, Mathematics, Chinese and STEAM were organized so as to help parents familiarise with the current curriculum. Apart from those knowledge-based learning, parents also took part in Zumba Dance Class in June to facilitate home-school cooperation and to foster their sense of belonging to LCU.



Parents learning more about Hong Kong's culture through learning basic Cantonese, paper-cutting and making sweet dumplings.



Let's have a "Math Fight" on iPad! Maths Panel teaching eager mums how to use iPad for Maths learning.



Parents attempt to move the Lego fan by using the app. "WeDo".



We can make new friends through Zumba.

# COMMUNITY VISITS

## i. Community Visit to Lam Tsuen

To introduce the local customs of Chinese New Year, LCU organized a Community Visit for parents and children to Lam Tsuen on 12th February. About 230 parents and their kids enjoyed the 'Big Bowl Feast' known as Poon Choi which is a traditional way to celebrate the family reunion. Followed by the feast, we wrote our wishes on a joss paper and threw in attempt to hang them on the wishing tree. In the end, we appreciated the unique design of the Parade floats exhibition.



Posing in front of the beautiful parade floats.



Our delicious feast- "Poon Choi".



"Let's hang our wishes on the tree."

## ii. PTA Community Visit to Tai O

To immerse parents and children into the local culture, a Community Visit to Tai O was scheduled on 29 April. 23 parents explored the beauty of the outlying island in Hong Kong. They were amazed by the stilted houses in Tai O which is known as "Oriental Venice". Afterwards, parents enjoyed the hands-on experience of making sweet dumplings. Then, they took a boat trip to look for the Chinese White Dolphins. The tiring yet exciting day came to an end with lunch and shopping for souvenirs.



A boat ride to see the Chinese White Dolphins.



Posing in front of the stilted houses!



Here comes our charming LCU mums!

# PARENTS' CONTRIBUTION TO LCU

Around 30 parents offered a helping hand by sparing their precious leisure time and cooperated with teachers to lead a smooth operation at numerous school functions. On Cultural Day, parents took active roles to assist in game booths and refreshment stalls. They also took part in the services on Sports Day and flag-selling. Our caring mums also helped out the P.1 Immunization. Throughout interactions with teachers and students, parents gained valuable experiences and their contributions are highly appreciated by the school.



*Loving and caring mums assisting the nurse for Immunization!*



*Thanks for gracing our Cultural Day.*



*Let's demonstrate our team spirit on Sports Day!*